

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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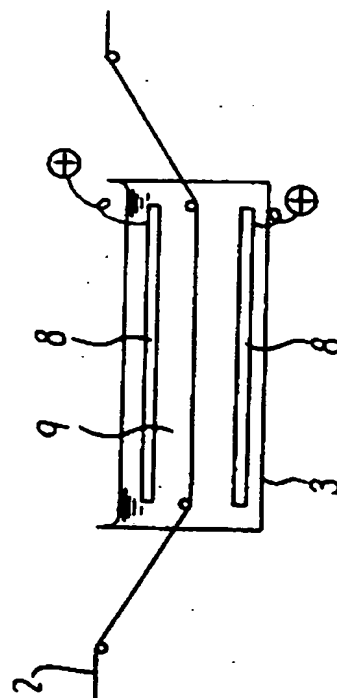
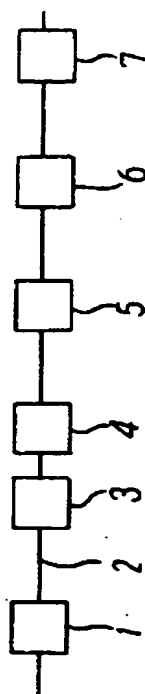
APPLICATION DATE : 30-10-81  
APPLICATION NUMBER : 56173744

APPLICANT : SHIN KOBEE ELECTRIC MACH CO LTD;

INVENTOR : HIRASAWA IMAKICHI;

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TITLE : EXPAND SYSTEM FOR LEAD CELL GRID



ABSTRACT : PURPOSE: To improve the surface such that the corrosive reaction is promoted during the curing, by providing a step for depositing the lead on the surface of an expanded grid.

CONSTITUTION: A grid 2 expanded by an expander 1 is passed through an electrolyte tank 3 for depositing the lead on the surface of the grid then the electrolyte adhered to the grid is cleaned by a washing device 4 and it is fed to a shaping device 5, active substance filler 6 and a cutter 7. Lead or carbon is employed as the material of the anode 8 while the diluted sulfuric acid-nitrate is employed as the electrolyte for depositing the lead, and the deposition which causes no trouble onto the tightness between the grid 2 and the active substance after the curing can be achieved with the current density of 0.1~0.5A/dm<sup>2</sup>.

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